Recombinant Human Carbonic anhydrase-related protein 10 (CA10)

Product Code	CSB-EP878879HU-B
Abbreviation	CA10
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NS85
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEIVWEVLFL LQANFIVCIS AQQNSPKIHE GWWAYKEVVQ GSFVPVPSFW GLVNSAWNLC SVGKRQSPVN IETSHMIFDP FLTPLRINTG GRKVSGTMYN TGRHVSLRLD KEHLVNISGG PMTYSHRLEE IRLHFGSEDS QGSEHLLNGQ AFSGEVQLIH YNHELYTNVT EAAKSPNGLV VVSIFIKVSD SSNPFLNRML NRDTITRITY KNDAYLLQGL NIEELYPETS SFITYDGSMT IPPCYETASW IIMNKPVYIT RMQMHSLRLL SQNQPSQIFL SMSDNFRPVQ PLNNRCIRTN INFSLQGKDC PNNRAQKLQY RVNEWLLK
Source	E.coli
Target Names	CA10
Protein Names	Recommended name: Carbonic anhydrase-related protein 10 Alternative name(s): Carbonic anhydrase-related protein X Short name= CA-RP X Short name= CARP X Cerebral protein 15
Expression Region	1-328
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. This protein is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development. Multiple transcript variants encoding the same protein have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final

	concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.